

Form 10-6 (Rev. 10-1-99)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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**LIST OF PRIOR ART CITED BY APPLICANT**  
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**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING<br>IF ABROAD |
|---------------------|-----------------|---------|-------------------|-------|----------|---------------------|
| AA                  | 6137618         | 10/2000 | Hertzinger        | 359   | 245      |                     |
| AB                  | 6084675         | 7/2000  | Hertzinger et al. | 356   | 369      |                     |
| AC                  | 6118537         | 9/2000  | Johs et al.       | 356   | 369      |                     |
| AD                  | 6141102         | 10/2000 | Johs et al.       | 356   | 364      |                     |
| AE                  | 5946098         | 8/1999  | Johs et al.       | 356   | 364      |                     |
| AF                  | 6100981         | 8/2000  | Johs et al.       | 356   | 364      |                     |
| AG                  | 6084674         | 7/2000  | Johs et al.       | 356   | 364      |                     |
| AH                  | 5963325         | 10/1999 | Johs et al.       | 356   | 364      |                     |
| AI                  | 5872630         | 2/1999  | Johs et al.       | 356   | 369      |                     |
| AJ                  | 5706212         | 1/1998  | Thompson et al.   | 364   | 525      |                     |
| AK                  | 5757494         | 5/1998  | Green et al.      | 356   | 369      |                     |

**FOREIGN PATENT DOCUMENTS**

|    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|----|-----------------|------|---------|-------|----------|-------------|----|
|    |                 |      |         |       |          | YES         | NO |
| AL |                 |      |         |       |          |             |    |
| AM |                 |      |         |       |          |             |    |

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Form 10-6

09/963,573

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Hertzinger et al.

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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|---------|---------------|-------|----------|-------------------------------|
| <i>QW</i>           | KA | 5956145         | 9/1999  | Green et al.  | 356   | 364      |                               |
|                     | AB | 5963327         | 10/1999 | He et al.     | 356   | 369      |                               |
|                     | AC | 5373359         | 12/1994 | Woolam et al. | 356   | 328      |                               |
|                     | AD | 5666201         | 9/1997  | Joh, et al.   | 356   | 369      |                               |
|                     | AE | 5521706         | 5/1996  | Green et al.  | 356   | 369      |                               |
|                     | AF | 5504582         | 4/1996  | Joh, et al.   | 356   | 369      |                               |
|                     | AG | 4826321         | 5/1989  | Coater et al. | 356   | 351      |                               |
|                     | AH | RE34783         | 11/1994 | Coater        | 250   | 372      |                               |
|                     | AI | 4373817         | 2/1983  | Coater        | 356   | 384      |                               |
|                     | AJ | 5045704         | 9/1991  | Coater        | 250   | 372      |                               |
| <i>QW</i>           | AK | 5452091         | 9/1995  | Johnson       | 356   | 445      |                               |

## FOREIGN PATENT DOCUMENTS

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|---------------------|----|-----------------|---------|--------------------|-------|----------|-------------------------------|
| <i>WV</i>           | AA | 4647207         | 3/1987  | Bjork et al        | 356   | 369      |                               |
|                     | AB | 4210401         | 7/1980  | Batten             | 356   | 369      |                               |
|                     | AC | 4332476         | 7/1982  | Stenberg et al.    | 356   | 369      |                               |
|                     | AD | 4355903         | 10/1982 | Sandoz et al.      | 356   | 382      |                               |
|                     | AE | 4838695         | 7/1989  | Manuscript et al.  | 356   | 369      |                               |
|                     | AF | 4750822         | 7/1988  | Rosenchweig et al. | 356   | 445      |                               |
|                     | AG | 5596406         | 1/1997  | Rosenchweig et al. | 356   | 327      |                               |
| <i>WV</i>           | AH | 5042951         | 8/1991  | Gold et al.        | 356   | 369      |                               |
|                     | AI |                 |         |                    |       |          |                               |
|                     | AJ |                 |         |                    |       |          |                               |
|                     | AK |                 |         |                    |       |          |                               |

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4 of 4  
Hertzinger et al.  
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PLEASE USE THIS SHEET FOR PTO FORM 1449 FOR SCIENTIFIC ARTICLES

*[Signature]*

"Regression Calibration Method for Rotating Element Ellipsometers", Johs, Thin Solid Films, 234 (1993).

*[Signature]*

"An Automated Scanning Ellipsometer", Smith, Surface Science, Vol. 56, No. 1. (1976).

*[Signature]*

"Automatic Rotating Element Ellipsometers: Calibration, Operation and Real-Time Applications", Collins, Rev. Sci. Instrum., 61(8) (1990).

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